Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at http://about.jstor.org/participate-jstor/individuals/early-journal-content.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

AVERAGE AND PROBABILITY.

154. Proposed by L. C. WALKER, A.M., Professor of Mathematics, Colorado School of Mines, Golden, Col.

Five points are taken at random in space. The chance that the fifth point may be included within the tetrahedron of which the other four points are the vertices is $\frac{1}{27}$.

GROUP THEORY.

4. Proposed by SAUL EPSTEEN, Chicago, Ill.

Find the four-parameter continuous group which leaves invariant $x_2^2 - x_1 x_3 = 0$.

NOTES.

Errata, p. 87, line 7 from bottom, middle column, for ABCEGEF, read ABECGDE.

Drs. C. M. Mason and D. R. Curtiss have been appointed to instructorships in mathematics at Yale University, the former in the Sheffield Scientific Department.

The Association of Ohio Teachers of Mathematics and Science was organized at a meeting held in Columbus April 2, 1904. The officers of the Association are: President, Charles S. Howe; Vice President, Alan Sanders; Secretary, Thos. E. McKinney.

At Stanford University Dr. H. C. Moreno has been promoted to an assistant professorship in Applied Mathematics. Professor Allardice and Mr. Manning have been granted leaves of absence for one year. Mr. Manning will spend the year studying in Europe, his work at the University being in charge of Mr. George I. Gavett.

The San Francisco Section of the American Mathematical Society met on Saturday, April 30, at Stanford University. In the morning session papers were read by Professors M. W. Haskell, H. C. Moreno, R. L. Allerdice; Dr. D. N. Lehmer, and Mr. A. W. Whitney, and in the afternoon session by Professors I. Stringham, G. A. Miller, H. F. Blichfeldt, and M. W. Haskell. The next meeting will be held on October 1, 1904.